

## CLAIMS

What is claimed is:

1. A vine cane pruner comprising:
  - a vertical support to be mounted to a vehicle;
  - 5 a horizontal boom that extends from the top of the vertical support;
  - a trimming head supported from the horizontal boom, the trimming head adapted to pivot relative to the boom;
  - a pair of hedgers extended downward from the trimming head, 10 the hedgers having cutting teeth forwardly extended and adapted to straddle an entire grape vine; and
  - a pair of combers mounted ahead of the hedger, the comber having moving members to engage vines to draw the vines away from a vine cane.
- 15 2. A pruner as claimed in claim 1 wherein the trimming head connects to a hydraulic cylinder fixed on the horizontal boom, the hydraulic cylinder rotating the trimming head along a hinge and holding the position of the trimming head.
- 20 3. A pruner as claimed in claim 2 wherein the position of each hedger on the trimming head is laterally adjustable.
4. A pruner as claimed in claim 3 wherein each hedger has a hydraulic 25 cylinder that laterally adjusts the position of each hedger.
5. A pruner as claimed in claim 2 wherein the position of each comber on the trimming head is laterally adjustable.

6. A pruner as claimed in claim 5 wherein each comber has a hydraulic cylinder that laterally adjusts the position of each comber.
- 5 7. A pruner as claimed in claim 2 wherein the position of each comber on the trimming head is vertically adjustable.
8. A pruner as claimed in claim 7 wherein each comber has a hydraulic cylinder that vertically adjusts the position of each comber.
- 10 9. A pruner as claimed in claim 3 wherein the length of the vertical support is adjustable.
10. A pruner as claimed in claim 10 further wherein the vertical support has a hydraulic cylinder that adjusts the length of the vertical support.
- 15 11. A pruner as claimed in claim 3 wherein the horizontal boom is outwardly extended.
12. A pruner as claimed in claim 12 wherein the horizontal boom has a hydraulic cylinder that outwardly extends the horizontal boom.
- 20 13. A vine cane pruner comprising:  
a vehicle;  
a vertical support mounted on the vehicle, the vertical support having a hydraulic cylinder that adjusts the height of the vertical support;  
25 a horizontal boom extends from the top of said vertical support, the horizontal boom having a hydraulic cylinder that outwardly extends the horizontal boom;

a trimming head supported from the horizontal boom, the trimming head adapted to pivot relative to the boom, where a hydraulic cylinder on the horizontal boom connects to the trimming head to control the rotation and hold the position of the trimming head;

5 a pair of hedgers extended downward from the trimming head, the hedgers having cutting teeth forwardly extended and hydraulic cylinders that independently adjust the horizontal position of the hedgers on the trimmer head; and

10 a pair of combers extended downward from the trimming head, the combers having moving members that engage vines to draw the vines from away from a vine cane and hydraulic cylinders that independently adjust the horizontal and vertical position of the combers on the trimmer head.

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